



**Fig. 1A**

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1   MSVDEICENTKMGREYALLGNYETSLVYYQGV LQQIQKLL
41  TSVHEPQRKHQWQTIRQELSQEYEHVKNITKTLNGFKSE P
81  AAPEPAPNHRAAPFSHHQHAAKPAAAEPARDPDYWP PPTP
121 VDHRPSPPYQRAARKDPPRRSEPSK PANRAPGNDRGGRGP
161 SDRRGDARSGGGGRGGARGSDKDKNRGGKSDKDKKAPSGE
201 EGDEKKFDPAGYDKDLVENLERDIVQRNPNVHWADIAGLT
241 EAKRLLEEAVVLPLWMPDYFKGIRRPWKGYLMVGP PGTGK
281 TMLAKAVATECGTTFFNVSSASLT SKYHGESEKLVRL LFE
321 MARFYAPSTIFIDEIDSICSKRGTGSEHEASRRV KSELLI
361 QMDGVSGPSAGEESSKMVMVLAATNFPWDIDEALRRRLEK
401 RIYIPLPEIDGREQLLRINLKEVPLADDIDLK SIAEKMDG
441 YSGADITNVCRDASHMAHRRRIQGLRPEEIRHIPKEELNQ
481 PSTPADFLLALQKYSKSVGKEDLVKYMAWMEEF GSV

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**Fig. 1B**

p60	231	YHWANIASL TEAKRLLEEAVVLGLWMPDYFKGIRRPW. KGYLMVGP PGTGK
mei-1	190	MSLDDIIGMHDVQVYLHEAYTLGLLVPEFQGLRSPW. KAMVLAGEPGTG
Sug1p	145	STYDMVGLTKQIKEIKVIELGVKHELEESLGIAQPKGVILYGP PGTG
ftsH	149	TTFANVASCDEAKKEEVALVEY. LREP SRQKLGGKIPKGYLMVGP PGTG
Pas1p	694	IKWGDIGALANAKDVLLETLEWETKYEPIEVNCPRLRSGILLYGP PGC
NSF	224	EKMIGIGLDKEFSDIFERRAFASRVFPPEIVEQMGCKHVKGILLYGP PGC
p60	280	<u>KTMFAKAVATECGTTFN. VSSASLT SKYHGESEKLVRL LFEEMARFYAP.</u>
mei-1	239	<u>KTEIARAIASESSSTFT. VSSDLSKWRDSEKIYRL LFEELARFYAP.</u>
Sug1p	195	<u>KTEBARAVAHHTDCKEIR. VSGAELVQKYECSRMVRELLEVYMAREHAP.</u>
ftsH	198	<u>KTEFAKAIAGEAKVPEFT. ISGSDVEMEVGVGASRVRLDMEQAKKAMP.</u>
Pas1p	744	<u>KTEASAVAQCCGLNEIS. VKGPEILNKFISASEQNIRELEPRAQSVKE.</u>
NSF	274	<u>KTEBARQIGKMLNAREPKVYNGPEILNKEYVESEANIRKKEADAEERQR.</u>
p60	328	.....STIEIDEDSICSKR...GTGSEHEASRRVKSELIQMDGVSGP
mei-1	287	.....STIEIDEDTLGGQR...GNSGEHEASRRVKSEFLVQMDG....
Sug1p	243	.....STIEIDEDSIGSTRVEGSGGGDSEVQRTMLELMLNQLDGFET.
ftsH	246	.....CTIEIDEDAVGRQRGAGLGGCHDEREQTLNQMLVEMDGFEG.
Pas1p	792	.....CTIEIDEDSTAPKRGH...DSTGVTDENVNQMLTQMDGAEG
NSF	324	LGANSGLHETIEIDEDATCKQRGS.MAGSTGVHDTVYVNOMLSKIDGVEQL
p60	369	SAGEESSKMVMVLAATNFPWDIDEALRR...ELEKRIYIPLPEIDGREQL
mei-1	324	SONKFD SRRYFVLAATNIWELDEALRR...EFKRIFIPLEIDIDARKKLI
Sug1p	285	.....SKNIKIIMATNRLDILDPALLRPGRIDRKIEFPPEVAAAELE
ftsH	288	.....NEGIIVIAATNREDVLDPEALLRPGRFDRQVYVGLDVRGREQL
Pas1p	832	D.....GVYILAATSRPDLIDSALLRPGRLDKSVICNIPETESERLDLE
NSF	373	N.....NILNIGHTNRPDLIDEALLRPGRLLEVYKMEIGMDDEKGRLOLE
p60	417	RINL.....KEYVPLADDIDLKSIKMDGYSGADIT
mei-1	372	EKSM.....EGTPK SDEINYYDLAARTEGSGADVY
Sug1p	329	RIHS.....RKMNLTRGINLRKYAEKMGCSGADYK
ftsH	332	KVHM.....RRVPLAPDIDAALARGTPGSGADLA
Pas1p	875	QAIYNSKDKDTGQKFALEKNADLKLIAEKTAGEGSGADLQ
NSF	416	HI...HTARMRGHQ...LSADVDIKELAVETKNEGSAELE